

SEQUENCE LISTING

<110> KUROKAWA, Masato
NAKAMURA, Hiroaki

<120> wound dressing for accelerating epidermal regeneration

<130> 292US

<160> 51

<170> PatentIn version 3.1

<210> 1

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<213> Homo sapiens

<400> 1

Arg Gly Asp

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Ile Lys Val Ala Val

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<211> 5

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Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala
35 40 45

Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala
50 55 60

Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala
65 70 75 80

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Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala
100 105 110

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<220>

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Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser
35 40 45

Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala
50 55 60

Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala
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Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser
85 90 95

Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala
100 105 110

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Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala
115 120 125

Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser
130 135 140

Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala
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Gly Ala Gly Ser
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Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala
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Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr
35 40 45

Gly Ala Gly Ala Gly Tyr
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 20 25 30
 Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr
 35 40 45
 Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala
 50 55 60
 Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala
 65 70 75 80
 Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr
 85 90 95
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 100 105 110
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 115 120 125
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 Gly Ala Gly Tyr
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Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr
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 20 25 30
 Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr
 35 40 45
 Gly Ala Gly Val Gly Tyr
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 Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr
 35 40 45
 Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val
 50 55 60
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 65 70 75 80
 Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr
 85 90 95
 Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val
 100 105 110
 Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala
 115 120 125
 Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr
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 165 170 175
 Gly Val Gly Tyr
 180

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Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val
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<400> 17

Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr
1 5 10 15

Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala
20 25 30

Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val
35 40 45

Gly Ala Gly Tyr Gly Val
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<400> 18

Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr
1 5 10 15

Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala
20 25 30

Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val
35 40 45

Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr
50 55 60

Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala
65 70 75 80

Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val
85 90 95

042190_replacement_sequence_listing.txt

Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr
100 105 110
Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala
115 120 125
Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val
130 135 140
Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr
145 150 155 160
Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala
165 170 175

Gly Tyr Gly Val
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Asp Gly Gly Ala Ala Ala Ala Ala Ala Gly Gly Ala Asp Gly Gly Ala
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20 25 30
Ala Gly Gly Ala Asp Gly Gly Ala Ala Ala Ala Ala Ala Gly Gly Ala
35 40 45

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Gly Ala

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042190_replacement_sequence_listing.txt

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Asp Gly Gly Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Gly
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 Gly Ala Asp Gly Gly Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala
 20 25 30
 Ala Gly Gly Ala Asp Gly Gly Ala Ala Ala Ala Ala Ala Ala Ala
 35 40 45
 Ala Ala Ala Gly Gly Ala Asp Gly Gly Ala Ala Ala Ala Ala Ala
 50 55 60
 Ala Ala Ala Ala Ala Gly Gly Ala
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Gly Val Pro Gly Val Gly Val Pro Gly Val
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<400> 23

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
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 Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
 20 25 30
 Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
 35 40 45
 Gly Val
 50

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042190_replacement_sequence_listing.txt

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Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
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Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
20 25 30
Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
35 40 45
Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
50 55 60
Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
65 70 75 80
Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
85 90 95
Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
100 105 110
Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
115 120 125
Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
130 135 140
Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
145 150 155 160
Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
165 170 175
Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
180 185 190
Pro Gly Val Gly Val Pro Gly Val
195 200

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Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly
1 5 10

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042190_replacement_sequence_listing.txt

<220>

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<400> 26

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 Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly
 20 25 30
 Gly Gly Gly Gly Gly Gly Gly Gly
 35 40

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Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly
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 Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly
 20 25 30
 Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly
 35 40 45
 Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly
 50 55 60
 Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly
 65 70 75 80
 Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly
 85 90 95
 Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly
 100 105 110
 Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly
 115 120 125
 Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly
 130 135 140
 Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly
 145 150 155 160

<210> 28

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Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala
1 5 10

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Ala Ala Ala Ala Ala Ala Ala Ala
35 40

<213> Artificial Sequence

<223> auxiliary amino acid sequence (Y)

Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala
1 5 10 15

Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala

Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala

Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala

Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala
65 70 75 80

Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala
85 90 95

Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala
 100 105 110

(c) Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala
 100 105 110

Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala

115 120 125

Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala
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130

135

140

Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala
145 150 155 160

<210> 31

<211> 9

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<220>

<223> auxiliary amino acid sequence (Y)

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Gly Gly Ala Gly Gly Ala Gly Gly Ala
1 5

<210> 32

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Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly
1 5 10 15

Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly
20 25 30

Ala Gly Gly Ala
35

<210> 33

<211> 180

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<213> Artificial Sequence

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Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly
1 5 10 15

Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly
20 25 30

Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala
35 40 45

Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly
50 55 60

Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly
Page 13

[illegible]

Ala Gly Gly Ala
180

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Gly val Gly val Pro Gly val Gly val Pro
1 5 10

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Gly val Gly val Pro Gly val Gly val Pro Gly val Gly val Pro Gly
1 5 10 15

val Gly val Pro Gly val Gly val Pro Gly val Gly val Pro Gly val

Gly val Pro Gly val Gly val Pro Gly val Gly val Pro Gly val Gly

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val Pro
  50
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<210> 36

042190_replacement_sequence_listing.txt

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Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
20     25     30
Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
35     40     45
Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
50     55     60
Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
65     70     75     80
Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
85     90     95
Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
100    105    110
Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
115    120    125
Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
130    135    140
Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
145    150    155    160
Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
165    170    175
Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
180    185    190
Gly Val Pro Gly Val Gly Val Pro
195    200
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<210> 37
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Gly Pro Pro Gly Pro Pro Gly Pro Pro
1      5
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042190_replacement_sequence_listing.txt

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Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly
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 Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro
 20 25 30
 Pro Gly Pro Pro
 35

<210> 39
 <211> 180
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<400> 39

Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly
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 Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro
 20 25 30
 Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro
 35 40 45
 Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly
 50 55 60
 Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro
 65 70 75 80
 Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro
 85 90 95
 Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly
 100 105 110
 Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro
 115 120 125
 Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro
 130 135 140
 Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly
 145 150 155 160
 Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro
 165 170 175

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Pro Gly Pro Pro
180

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Gly Ala Gln Gly Pro Ala Gly Pro Gly
1 5

<210> 41
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<212> PRT
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Gly Ala Gln Gly Pro Ala Gly Pro Gly Gly Ala Gln Gly Pro Ala Gly
1 5 10 15
Pro Gly Gly Ala Gln Gly Pro Ala Gly Pro Gly Gly Ala Gln Gly Pro
20 25 30
Ala Gly Pro Gly Gly Ala Gln Gly Pro Ala Gly Pro Gly
35 40 45

<210> 42
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Gly Ala Gln Gly Pro Ala Gly Pro Gly Gly Ala Gln Gly Pro Ala Gly
1 5 10 15
Pro Gly Gly Ala Gln Gly Pro Ala Gly Pro Gly Gly Ala Gln Gly Pro
20 25 30
Ala Gly Pro Gly Gly Ala Gln Gly Pro Ala Gly Pro Gly Gly Ala Gln
35 40 45
Gly Pro Ala Gly Pro Gly Gly Ala Gln Gly Pro Ala Gly Pro Gly Gly
50 55 60
Ala Gln Gly Pro Ala Gly Pro Gly Gly Ala Gln Gly Pro Ala Gly Pro
65 70 75 80

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Gly Gly Ala Gln Gly Pro Ala Gly Pro Gly Gly Ala Gln Gly Pro Ala
85 90 95
Gly Pro Gly Gly Ala Gln Gly Pro Ala Gly Pro Gly Gly Ala Gln Gly
100 105 110
Pro Ala Gly Pro Gly Gly Ala Gln Gly Pro Ala Gly Pro Gly Gly Ala
115 120 125
Gln Gly Pro Ala Gly Pro Gly Gly Ala Gln Gly Pro Ala Gly Pro Gly
130 135 140
Gly Ala Gln Gly Pro Ala Gly Pro Gly Gly Ala Gln Gly Pro Ala Gly
145 150 155 160
Pro Gly Gly Ala Gln Gly Pro Ala Gly Pro Gly Gly Ala Gln Gly Pro
165 170 175
Ala Gly Pro Gly
180

<210> 43
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Gly Ala Pro Gly Ala Pro Gly Ser Gln Gly Ala Pro Gly Leu Gln
1 5 10 15

<210> 44
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<400> 44

Gly Ala Pro Gly Ala Pro Gly Ser Gln Gly Ala Pro Gly Leu Gln Gly
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Ala Pro Gly Ala Pro Gly Ser Gln Gly Ala Pro Gly Leu Gln Gly Ala
20 25 30
Pro Gly Ala Pro Gly Ser Gln Gly Ala Pro Gly Leu Gln Gly Ala Pro
35 40 45
Gly Ala Pro Gly Ser Gln Gly Ala Pro Gly Leu Gln
50 55 60

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042190_replacement_sequence_listing.txt

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<400> 45

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 Ala Pro Gly Ala Pro Gly Ser Gln Gly Ala Pro Gly Leu Gln Gly Ala
 20 25 30
 Pro Gly Ala Pro Gly Ser Gln Gly Ala Pro Gly Leu Gln Gly Ala Pro
 35 40 45
 Gly Ala Pro Gly Ser Gln Gly Ala Pro Gly Leu Gln Gly Ala Pro Gly
 50 55 60
 Ala Pro Gly Ser Gln Gly Ala Pro Gly Leu Gln Gly Ala Pro Gly Ala
 65 70 75 80
 Pro Gly Ser Gln Gly Ala Pro Gly Leu Gln Gly Ala Pro Gly Ala Pro
 85 90 95
 Gly Ser Gln Gly Ala Pro Gly Leu Gln Gly Ala Pro Gly Ala Pro Gly
 100 105 110
 Ser Gln Gly Ala Pro Gly Leu Gln Gly Ala Pro Gly Ala Pro Gly Ser
 115 120 125
 Gln Gly Ala Pro Gly Leu Gln Gly Ala Pro Gly Ala Pro Gly Ser Gln
 130 135 140
 Gly Ala Pro Gly Leu Gln Gly Ala Pro Gly Ala Pro Gly Ser Gln Gly
 145 150 155 160
 Ala Pro Gly Leu Gln Gly Ala Pro Gly Ala Pro Gly Ser Gln Gly Ala
 165 170 175
 Pro Gly Leu Gln
 180

<210> 46

<211> 15

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<213> Artificial Sequence

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<400> 46

Gly Ala Pro Gly Thr Pro Gly Pro Gln Gly Leu Pro Gly Ser Pro
 1 5 10 15

<210> 47

<211> 60

<212> PRT

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<400> 47

Gly Ala Pro Gly Thr Pro Gly Pro Gln Gly Leu Pro Gly Ser Pro Gly
 1 5 10 15
 Ala Pro Gly Thr Pro Gly Pro Gln Gly Leu Pro Gly Ser Pro Gly Ala
 20 25 30
 Pro Gly Thr Pro Gly Pro Gln Gly Leu Pro Gly Ser Pro Gly Ala Pro
 35 40 45
 Gly Thr Pro Gly Pro Gln Gly Leu Pro Gly Ser Pro
 50 55 60

<210> 48

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Gly Ala Pro Gly Thr Pro Gly Pro Gln Gly Leu Pro Gly Ser Pro Gly
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 20 25 30
 Pro Gly Thr Pro Gly Pro Gln Gly Leu Pro Gly Ser Pro Gly Ala Pro
 35 40 45
 Gly Thr Pro Gly Pro Gln Gly Leu Pro Gly Ser Pro Gly Ala Pro Gly
 50 55 60
 Thr Pro Gly Pro Gln Gly Leu Pro Gly Ser Pro Gly Ala Pro Gly Thr
 65 70 75 80
 Pro Gly Pro Gln Gly Leu Pro Gly Ser Pro Gly Ala Pro Gly Thr Pro
 85 90 95
 Gly Pro Gln Gly Leu Pro Gly Ser Pro Gly Ala Pro Gly Thr Pro Gly
 100 105 110
 Pro Gln Gly Leu Pro Gly Ser Pro Gly Ala Pro Gly Thr Pro Gly Pro
 115 120 125
 Gln Gly Leu Pro Gly Ser Pro Gly Ala Pro Gly Thr Pro Gly Pro Gln
 130 135 140
 Gly Leu Pro Gly Ser Pro Gly Ala Pro Gly Thr Pro Gly Pro Gln Gly
 145 150 155 160
 Leu Pro Gly Ser Pro Gly Ala Pro Gly Thr Pro Gly Pro Gln Gly Leu
 165 170 175
 Pro Gly Ser Pro
 180

042190_replacement_sequence_listing.txt

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<400> 49

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Gly Gly Ala Gly Ala
 1 5 10 15

Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser
 20 25 30

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Met Asp Pro Val Val Leu Gln Arg Arg Asp Trp Glu Asn Pro Gly Val
 1 5 10 15

Thr Gln Leu Asn Arg Leu Ala Ala His Pro Pro Phe Ala Ser Asp Pro
 20 25 30

Met Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly
 35 40 45

Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly
 50 55 60

Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Ala Val Thr Gly Arg
 65 70 75 80

Gly Asp Ser Pro Ala Ser Ala Ala Gly Tyr Gly Ala Gly Ala Gly Ser
 85 90 95

Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala
 100 105 110

Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala
 115 120 125

Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser
 130 135 140

042190_replacement_sequence_listing.txt

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Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly
50 55 60

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Ile Lys Val Ala Val Ser Ala Gly Pro Ser Ala Gly Tyr Gly Ala Gly
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865

870

875

880

Ser Gly Ala Gly Ala Gly Ser Gly Ala Ala Pro Gly Ala Ser Ile Lys
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